

CORRECTING DATA HAVING MORE DATA BLOCKS WITH ERRORS THAN REDUNDANCY BLOCKS

ABSTRACT

Errors in data retrieved from a storage medium are corrected by retrieving a plurality of data blocks from the storage medium. A plurality of redundancy blocks associated with the plurality of data blocks are also retrieved from the storage medium. The number of data blocks with errors from the plurality of data blocks retrieved from the storage medium is determined. When the number of data blocks with errors exceeds the number of redundancy blocks, the data blocks are corrected in data segments, where a data segment includes data from a portion of each of the plurality of data blocks retrieved from the storage medium.